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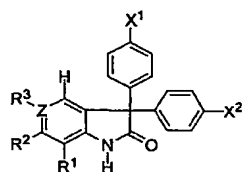
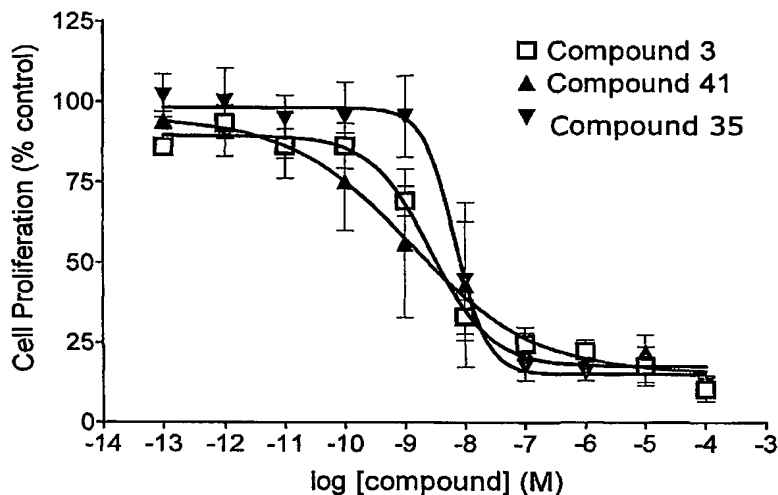
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(54) Title: DIPHENYL OX-INDOL-2-ON COMPOUNDS AND THEIR USE IN THE TREATMENT OF CANCER



(II)

(57) Abstract: The present invention relates to substituted 3,3-diphenyl-1,3-dihydro-indol-2-one compounds, and the use of such compounds for the preparation of a medicament for the treatment of cancer in a mammal. It is postulated that treatment of cancers in which inhibition of protein synthesis and/or inhibition of activation of the mTOR pathway is an effective method for reducing cell growth. Examples of such cancers are breast cancer, renal cancer, multiple myeloma, leucemia, glia blastoma, rhabdomyosarcoma, prostate, soft tissue sarcoma, colorectal sarcoma, gastric carcinoma, head and neck squamous cell carcinoma, uterine, cervical, melanoma, lymphoma, and pancreatic cancer. A particular subclass of compounds are represented by the formula (II) wherein at least one of X¹ and X² is a heteroatom substituent, e.g. 6-chloro-3,3-bis-(4-hydroxy-phenyl)-7-methyl-1,3-dihydro-indol-2-one.



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